

CABLE MODEM SYSTEM

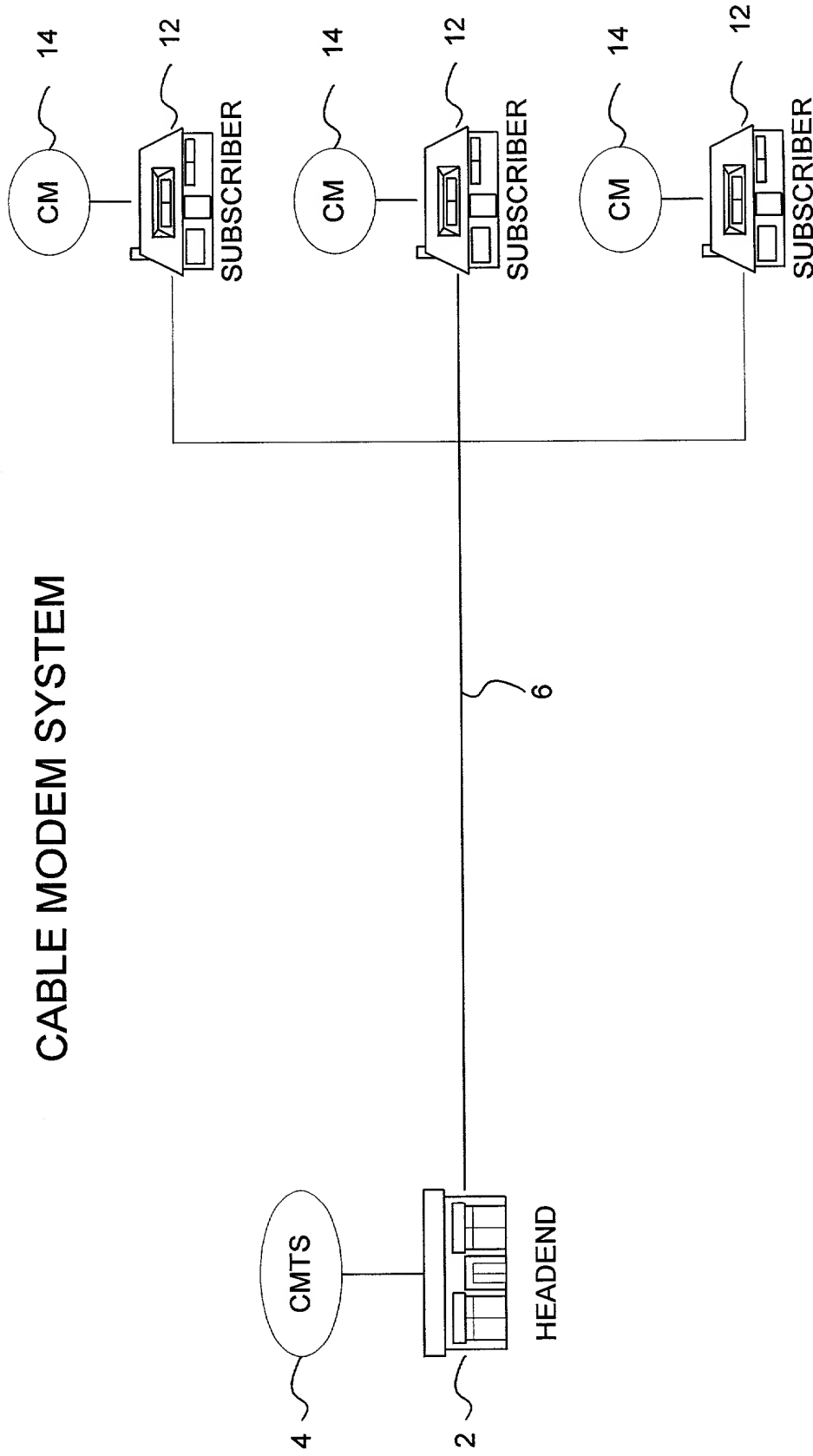


FIG. 1 (PRIOR ART)

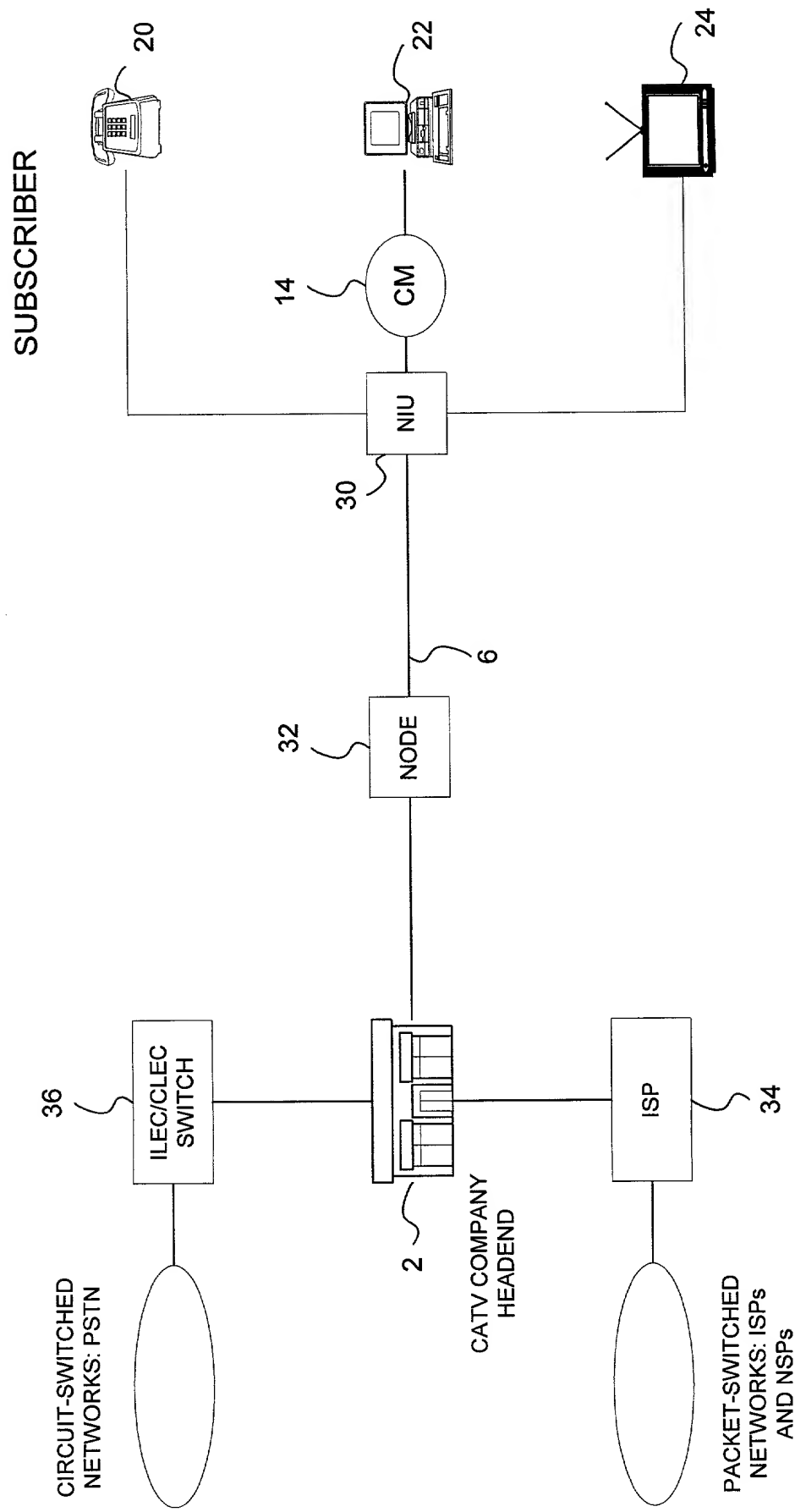


FIG. 2 (PRIOR ART)

CABLE MODEM

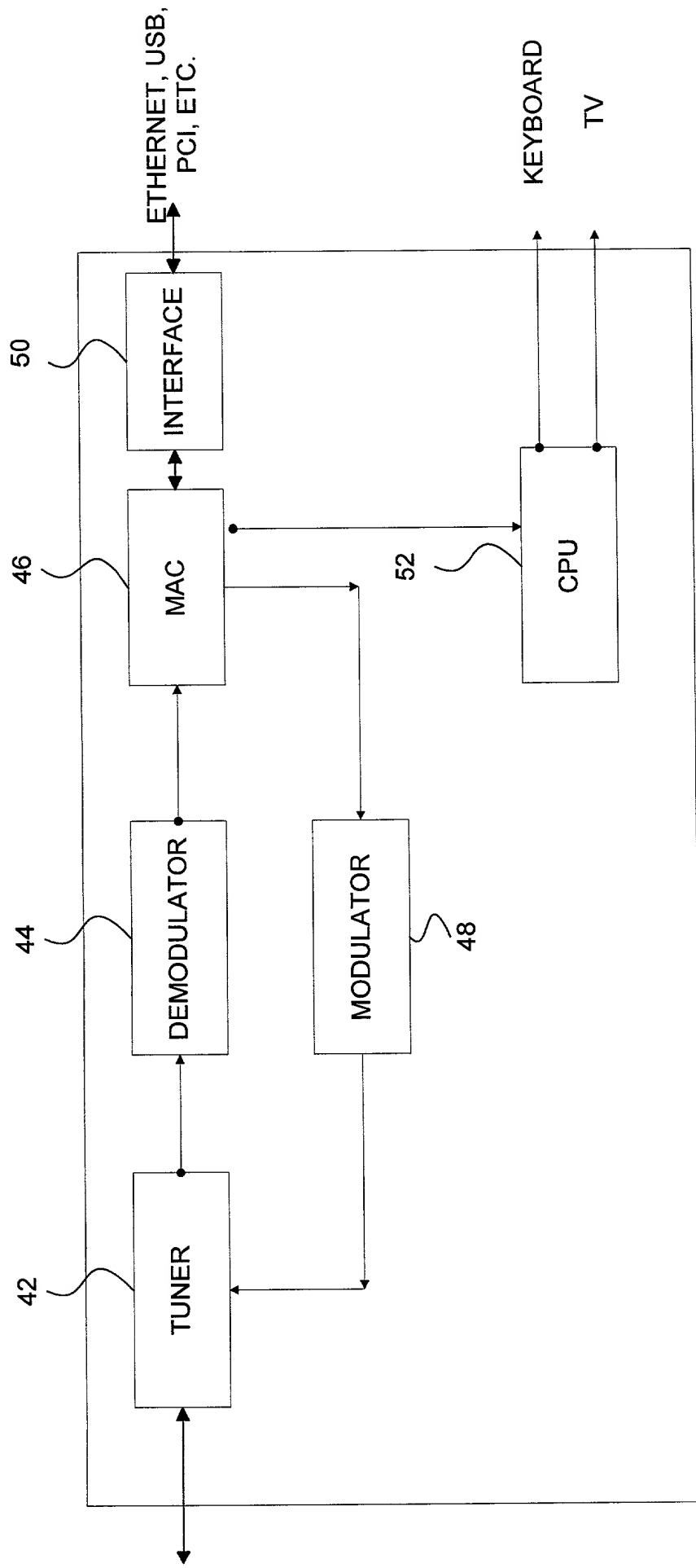


FIG. 3 (PRIOR ART)

OSI Layer Stackup for a DOCSIS Cable Modem

OSI	DOCSIS	
HIGHER LAYERS	APPLICATIONS	DOCSIS CONTROL MESSAGES
TRANSPORT LAYER	TCP/UDP	
NETWORK LAYER	IP	
DATA LINK LAYER	IEEE 802.2	
PHYSICAL LAYER	UPSTREAM	DOWNSTREAM
	TDMA (MINI- SLOTS) 5-42(65) MHz QPSK/16-QAM	TDM (MPEG) 54(100)-850 MHz 64/256-QAM ITU-T J.83 - ANNEX B(A)

FIG. 4 (PRIOR ART)

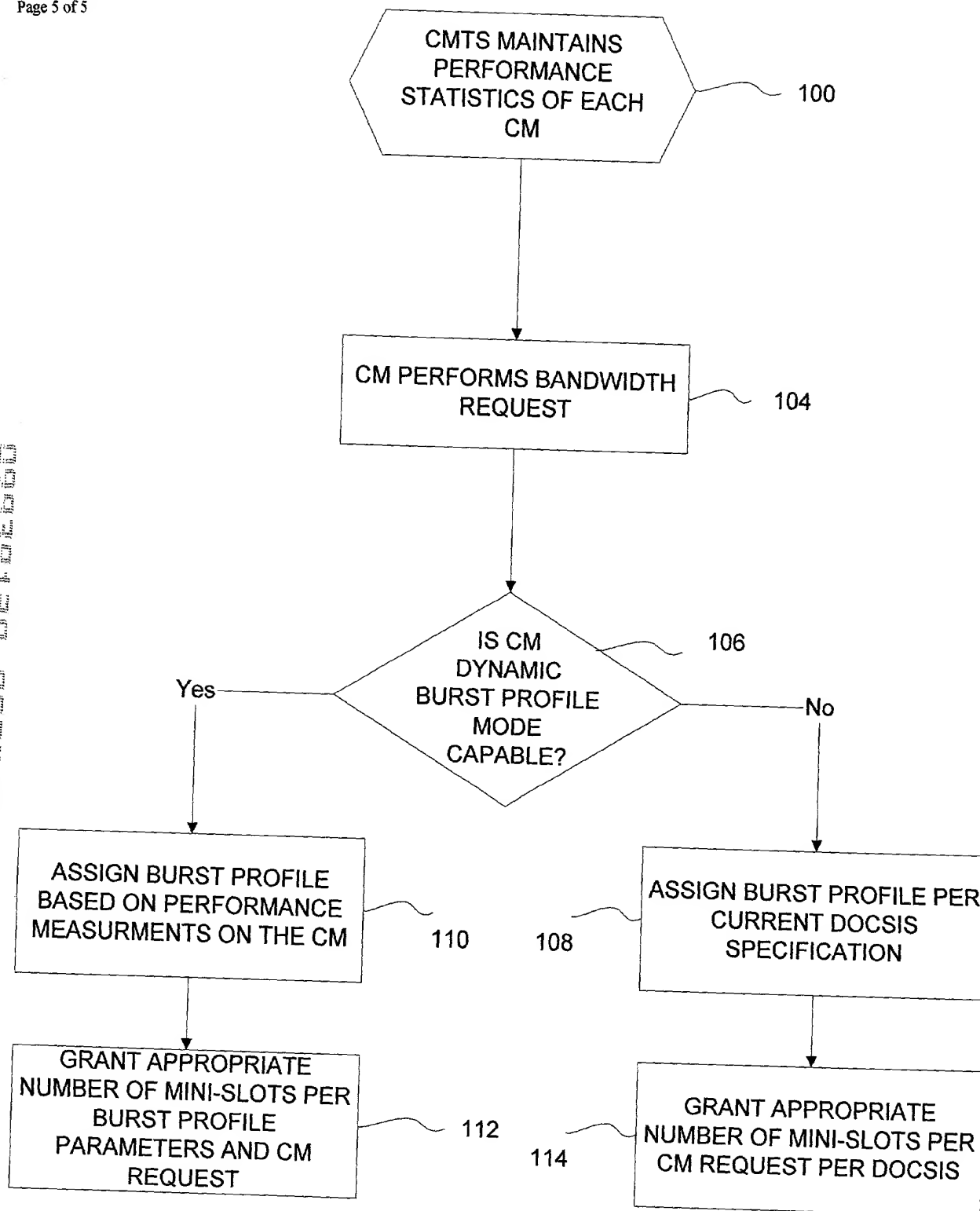


FIG. 5